SUBJECT INDEX

Arctic regions

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

ASCE Activities

ASCE's Professional Interchange Program in Retrospect, Howard I. Epstein, EI Apr. 88 p192-198.

Role of Civil Engineers in Shaping Public Policy, Albert A. Grant, EI Jan. 88 p9-16.

ASCE Code of Ethics

Commentary on the Code of Ethics, R. J. Evans, EI Apr. 88 p148-156.

ASCE Committees

Engineering Education and Research Policy, Engineering Education and Research Policy Committee of the American Society of Civil Engineers, EI July 88 p243-247.

ASCE Policy

Engineering Education and Research Policy, Engineering Education and Research Policy Committee of the American Society of Civil Engineers, EI July 88 p243-247.

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Public Affairs Activity: Seeds of Reality? Dan H. Pletta, EI Apr. 88 p167-172.

ASCE Publications

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

ASCE Sections

Public Affairs Activity: Seeds of Reality? Dan H. Pletta, EI Apr. 88 p167-172.

ASCE Younger Members

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Bridges

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

Building codes

Future Civil Engineering in Seismic Zones, Sergio Gonzalez-Karg, EI July 88 p368-370.

Buildings, residential

Nonoalco Tlatelolco: A Human Experience, S. Gonzalez-Karg, EI Oct. 88 p482-486.

Canada

Urban Infrastructure Rehabilitation in Canada, Gary W. Heinke, EI Oct. 88 p487-493.

Water-Resources Development in Canada and Overseas, H. G. Harris, EI Oct. 88 p401-407.

Case reports

Design and Construction Performance: Smaller Projects, Charles L. Bartholomew, CF Feb. 87 p48-52.

Civil engineering

Civil Engineering Needs in the 21st Century, J. M. Roesset and J. T. P. Yao, EI July 88 p248-255.

Technology and Competitive Advantage in Civil Engineering, C. B. Tatum, EI July 88 p256-264.

Civil engineers

Civil Engineering Into the 21st Century, George Fleming, EI July 88 p357-367.

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Civil Engineers in Space, Aerospace Division of the American Society of Civil Engineers, EI July 88 p348-353.

Professionalism and the Civil Engineer, Harvey R. Gobas, EI Apr. 88 p142-147.

Combined sewer

Urban Water Resources Issues in the 21st Century, Larry A. Roesner and Stuart G. Walesh, EI July 88 p302-309.

Communication skills

Word Processing in Introductory Engineering Courses, Donald A. Andersen, EI Jan. 88 p81-84.

Competition

Technology and Competitive Advantage in Civil Engineering, C. B. Tatum, EI July 88 p256-264.

Computer analysis

Engineering Models and Computer Codes, David Z. Yankelevsky, EI Apr. 88 p218-232.

Computer applications

Computerized Engineers: Changing Standards of Professional Liability, Paul M. Lurie and Barry D. Weiss, EI Jan. 88 p56-66.

Computer programs

Engineering Models and Computer Codes, David Z. Yankelevsky, EI Apr. 88 p218-232.

Conflict

Environmental Issues for 21st Century Engineers, Charles G. Gunnerson, EI July 88 p287-301.

Construction industry

Construction Division Input to ASCE Conference on Civil Engineering in the 21st Century, Boyd C. Paulson, Jr., L. T. Boyer, C. W. Ibbs, E. Koehn, S. W. Nunnally, S. B. Quinn and C. B. Tatum, EI July 88 p317-326.

The Role of Civil Engineering Research, Richard L. Tucker, EI July 88 p265-270.

Structural and Construction Engineering in Japan in the Immediate Past, Present, and Future, Hiroyuki Aoyama, EI July 88 p354-356.

Technology and Competitive Advantage in Civil Engineering, C. B. Tatum, EI July 88 p256-264.

Construction management

Construction Division Input to ASCE Conference

on Civil Engineering in the 21st Century, Boyd C. Paulson, Jr., L. T. Boyer, C. W. Ibbs, E. Koehn, S. W. Nunnally, S. B. Quinn and C. B. Tatum, EI July 88 p317-326.

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Construction methods

Construction Division Input to ASCE Conference on Civil Engineering in the 21st Century, Boyd C. Paulson, Jr., L. T. Boyer, C. W. Ibbs, E. Koehn, S. W. Nunnally, S. B. Quinn and C. B. Tatum, EI July 88 p317-326.

Design and Construction Performance: Smaller Projects, Charles L. Bartholomew, CF Feb. 87 p48-52.

Consultants

Effective Use of Consulting Engineers, Erling A. Tufte, EI Apr. 88 p162-166.

Consulting services

Consulting by Civil Engineering Faculty, Charles L. Bartholomew, EI Apr. 88 p157-161.

Contract administration

Highway Specifications: Link to Quality, David S. Gendell and Allen Masuda, EI Jan. 88 p17-26.

Contractors

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Costs

Design and Construction Performance: Smaller Projects, Charles L. Bartholomew, CF Feb. 87 p48-52.

Curricula

Fundamentals of Engineering (FE) Examination Review, 1986, ASCE Task Committee on the Fundamentals of Engineering Examination Review, EI Apr. 88 p173-191.

Introducing Structures to Nonengineering majors, Alexander G. Karther, EI Jan. 88 p67-73.

Demand

Future Prospects for the Energy Sector, Don A. Holland, EI Oct. 88 p445-448.

Demolition

Nonoalco Tlatelolco: A Human Experience, S. Gonzalez-Karg, EI Oct. 88 p482-486.

Deserts

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

Design

Design and Construction Performance: Smaller Projects, Charles L. Bartholomew, CF Feb. 87 p48-52.

Earthquake engineering

Future Civil Engineering in Seismic Zones, Sergio Gonzalez-Karg, EI July 88 p368-370.

Earthquake resistant structures

Future Civil Engineering in Seismic Zones, Sergio Gonzalez-Karg, EI July 88 p368-370.

Education

Civil Engineering Needs in the 21st Century, J. M. Roesset and J. T. P. Yao, EI July 88 p248-255.

Introducing Structures to Nonengineering majors, Alexander G. Karther, EI Jan. 88 p67-73.

Education-practice interchange

ASCE's Professional Interchange Program in Retrospect, Howard I. Epstein, EI Apr. 88 p192-198.

Geotechnical Engineering in the 21st Century, G. Wayne Clough, EI July 88 p327-334.

The Status of Research, Murray A. Muspratt, EI Jan. 88 p85-99.

Energy conservation

Persistent National Energy Issue, Daniel A. Dreyfus, EI Jan. 88 p1-8.

Energy development

The Civil Engineer's Role in Energy Policy, Ben C. Gerwick, Jr., EI Oct. 88 p442-444.

Future Prospects for the Energy Sector, Don A. Holland, EI Oct. 88 p445-448.

Persistent National Energy Issue, Daniel A. Dreyfus, EI Jan. 88 p1-8.

Energy sources

Future Prospects for the Energy Sector, Don A. Holland, EI Oct. 88 p445-448.

Persistent National Energy Issue, Daniel A. Dreyfus, EI Jan. 88 p1-8.

Engineering education

ASCE's Professional Interchange Program in Retrospect, Howard I. Epstein, EI Apr. 88 p192-198.

Engineering Education and Research Policy, Engineering Education and Research Policy Committee of the American Society of Civil Engineers, EI July 88 p243-247.

Fundamentals of Engineering (FE) Examination Review, 1986, ASCE Task Committee on the Fundamentals of Engineering Examination Review, EI Apr. 88 p173-191.

Plan for Quality Growth in Engineering Education, W. F. Marcuson, III., EI Jan. 88 p100-105.

The Status of Research, Murray A. Muspratt, EI Jan. 88 p85-99.

Urban Water Resources Issues in the 21st Century, Larry A. Roesner and Stuart G. Walesh, EI July 88 p302-309.

Word Processing in Introductory Engineering Courses, Donald A. Andersen, EI Jan. 88 p81-84.

Engineering firms

Balancing Utilization and Development: A Large Firm's Approach, Robert C. Marini, EI Jan. 88 p51-55.

Engineering profession

Planning and Finance Transport—Where Civil Engineers Fit In, Chris Holland, EI Oct. 88 p424-427.

Entrepreneurship

Entrepreneuring and Venture Capital, Rolf Killingstad and John P. Klus, EI Jan. 88 p74-80.

Environmental engineering

Environmental Issues for 21st Century Engineers, Charles G. Gunnerson, EI July 88 p287-301.

Environmental issues

Environmental Issues for 21st Century Engineers, Charles G. Gunnerson, EI July 88 p287-301.

Ethics

Consulting by Civil Engineering Faculty, Charles L. Bartholomew, EI Apr. 88 p157-161.

"Uninvolved" Professionals and Technical Disasters, Dan H. Pletta, EI Jan. 87 p23-31.

Europe

Civil Engineering Into the 21st Century, George Fleming, EI July 88 p357-367.

Examination

Fundamentals of Engineering (FE) Examination Review, 1986, ASCE Task Committee on the Fundamentals of Engineering Examination Review, EI Apr. 88 p173-191.

Facilities

Inventory, Condition, and Performance Assessment in Infrastructure Facilities Management, Kenneth R. Maser, EI July 88 p271-280.

Faculty

Consulting by Civil Engineering Faculty, Charles L. Bartholomew, EI Apr. 88 p157-161.

Fiber reinforced plastics

Advancing Structural Plastics into the Future, Fred C. McCormick, EI July 88 p335-343.

Forecasting

Future Prospects for the Energy Sector, Don A. Holland, EI Oct. 88 p445-448.

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

Foreign engineering

Planning and Finance Transport—Where Civil Engineers Fit In, Chris Holland, EI Oct. 88 p424-427.

Fundamentals

Fundamentals of Engineering (FE) Examination Review, 1986, ASCE Task Committee on the Fundamentals of Engineering Examination Review, EI Apr. 88 p173-191.

Geotechnical engineering

Geotechnical Engineering in the 21st Century, G. Wayne Clough, EI July 88 p327-334.

Government agencies

Effective Use of Consulting Engineers, Erling A. Tufte, EI Apr. 88 p162-166.

Government policies

Role of Civil Engineers in Shaping Public Policy, Albert A. Grant, EI Jan. 88 p9-16.

Graduate students

Plan for Quality Growth in Engineering Education, W. F. Marcuson, III., EI Jan. 88 p100-105.

Great Britain

Civil Engineering Into the 21st Century, George Fleming, EI July 88 p357-367.

Hazardous waste

Hazardous Waste in the United States, James W. Poirot, EI Oct. 88 p438-462.

Hazardous waste sites

Hazardous Waste in the United States, James W. Poirot, EI Oct. 88 p438-462.

Highway construction

Highway Specifications: Link to Quality, David S. Gendell and Allen Masuda, EI Jan. 88 p17-26.

Highway engineering

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Highway improvements

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Highway safety

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Industrial wastes

Hazardous Waste in the United States, James W. Poirot, EI Oct. 88 p438-462.

Infrastructure

Inventory, Condition, and Performance Assessment in Infrastructure Facilities Management, Kenneth R. Maser, EI July 88 p271-280.

Planning and Finance Transport—Where Civil Engineers Fit In, Chris Holland, EI Oct. 88 p424-427.

Transportation and Civil Engineers, Robert E. Whiteside, EI Oct. 88 p428-430.

Urban Infrastructure Rehabilitation in Canada, Gary W. Heinke, EI Oct. 88 p487-493.

Innovation

Construction Division Input to ASCE Conference on Civil Engineering in the 21st Century, Boyd C. Paulson, Jr., L. T. Boyer, C. W. Ibbs, E. Koehn, S. W. Nunnally, S. B. Quinn and C. B. Tatum, EI July 88 p317-326.

Institutions

Water Policy and Institutions, Jonathan Bulkley, Harold J. Day, Ernest R. Smerdon and William R. Walker, EI Apr. 88 p135-141.

International treaties

Consent to Disaster: 1977 Panama Treaties, G. Russell Evans, EI Apr. 88 p199-217.

Internships

Work-Term Effectiveness in Co-Operative Civil Engineering Education, Sabah Al-Nassri and Edward McBean, EI Oct. 86 p296-305.

Interstate highways

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Inventories

Inventory, Condition, and Performance Assessment in Infrastructure Facilities Management, Kenneth R. Maser, EI July 88 p271-280.

Japan

Structural and Construction Engineering in Japan in the Immediate Past, Present, and Future, Hiroyuki Aoyama, EI July 88 p354-356.

Leadership

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Legal factors

Computerized Engineers: Changing Standards of Professional Liability, Paul M. Lurie and Barry D. Weiss, EI Jan. 88 p56-66.

Legislation

Hazardous Waste in the United States, James W. Poirot, EI Oct. 88 p438-462.

Liability

Computerized Engineers: Changing Standards of Professional Liability, Paul M. Lurie and Barry D. Weiss, EI Jan. 88 p56-66.

Consulting by Civil Engineering Faculty, Charles L. Bartholomew, EI Apr. 88 p157-161.

Liberal arts

Introducing Structures to Nonengineering majors, Alexander G. Karther, EI Jan. 88 p67-73.

Management engineering

Inventory, Condition, and Performance Assessment in Infrastructure Facilities Management, Kenneth R. Maser, EI July 88 p271-280.

Mapping

Surveying and Mapping Beyond 2000, Kam W. Wong, EI July 88 p281-286.

Marketing

Entrepreneuring and Venture Capital, Rolf Killingstad and John P. Klus, EI Jan. 88 p74-80.

Materials, properties

Advancing Structural Plastics into the Future, Fred C. McCormick, EI July 88 p335-343.

Metric systems

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Mexico

Nonoalco Tlatelolco: A Human Experience, S. Gonzalez-Karg, EI Oct. 88 p482-486.

Models

Engineering Models and Computer Codes, David Z. Yankelevsky, EI Apr. 88 p218-232.

Nuclear wastes disposal

Establishing Trust: Nuclear Waste Disposal, David A. Bella, Charles D. Mosher and Steven N. Calvo, EI Jan. 88 p40-50.

Technocracy and Trust: Nuclear Waste Controversy, David A. Bella, Charles D. Mosher and Steven N. Calvo, EI Jan. 88 p27-39.

Owners

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Panama Canal

Consent to Disaster: 1977 Panama Treaties, G. Russell Evans, EI Apr. 88 p199-217.

Performance evaluation

Inventory, Condition, and Performance Assessment in Infrastructure Facilities Management, Kenneth R. Maser, EI July 88 p271-280.

Personnel development

Balancing Utilization and Development: A Large Firm's Approach, Robert C. Marini, EI Jan. 88 p51-55.

Policies

The Civil Engineer's Role in Energy Policy, Ben C. Gerwick, Jr., EI Oct. 88 p442-444.

Political factors

Environmental Issues for 21st Century Engineers, Charles G. Gunnerson, EI July 88 p287-301.

National Water Policies, E. W. Flaxman, EI Oct. 88 p408-412.

Potable water

Drinking Water Policy in the United States, J. L. Patton and Leland L. Harms, EI Oct. 88 p394-400.

Professional advancement

Professionalism and the Civil Engineer, Harvey R. Gobas, EI Apr. 88 p142-147.

Professional development

Balancing Utilization and Development: A Large Firm's Approach, Robert C. Marini, EI Jan. 88 p51-55.

Work-Term Effectiveness in Co-Operative Civil Engineering Education, Sabah Al-Nassri and Edward McBean, EI Oct. 86 p296-305.

Professional practice

Computerized Engineers: Changing Standards of Professional Liability, Paul M. Lurie and Barry D. Weiss, EI Jan. 88 p56-66.

"Uninvolved" Professionals and Technical Disasters, Dan H. Pletta, EI Jan. 87 p23-31.

Professional registration

Fundamentals of Engineering (FE) Examination Review, 1986, ASCE Task Committee on the Fundamentals of Engineering Examination Review, EI Apr. 88 p173-191.

Professional role

The Civil Engineer's Role in Energy Policy, Ben C. Gerwick, Jr., EI Oct. 88 p442-444.

Commentary on the Code of Ethics, R. J. Evans, EI Apr. 88 p148-156.

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

National Water Policies, E. W. Flaxman, EI Oct. 88 p408-412.

Transportation and Civil Engineers, Robert E. Whiteside, EI Oct. 88 p428-430.

"Uninvolved" Professionals and Technical Disasters, Dan H. Pletta, EI Jan. 87 p23-31.

Project evaluation

Water-Resources Development in Canada and Overseas, H. G. Harris, EI Oct. 88 p401-407.

Public information programs

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Public opinion

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Establishing Trust: Nuclear Waste Disposal, David A. Bella, Charles D. Mosher and Steven N. Calvo, EI Jan. 88 p40-50.

Professionalism and the Civil Engineer, Harvey R. Gobas, EI Apr. 88 p142-147.

Technocracy and Trust: Nuclear Waste Controversy, David A. Bella, Charles D. Mosher and Steven N. Calvo, EI Jan. 88 p27-39.

Water-Resources Development in Canada and Overseas, H. G. Harris, EI Oct. 88 p401-407.

Public policy

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

National Water Policies, E. W. Flaxman, EI Oct. 88 p408-412.

Persistent National Energy Issue, Daniel A. Dreyfus, EI Jan. 88 p1-8.

Role of Civil Engineers in Shaping Public Policy, Albert A. Grant, EI Jan. 88 p9-16.

Public safety

Public Affairs Activity: Seeds of Reality? Dan H. Pletta, EI Apr. 88 p167-172.

Public works

Planning and Finance Transport—Where Civil Engineers Fit In, Chris Holland, EI Oct. 88 p424-427.

Urban Infrastructure Rehabilitation in Canada, Gary W. Heinke, EI Oct. 88 p487-493.

Quality assurance

Plan for Quality Growth in Engineering Education, W. F. Marcuson, III., EI Jan. 88 p100-105.

Quality control

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Radioactive waste disposal

Toxic and Radioactive Waste Management, J. A. Derrington, EI Oct. 88 p463-467.

Radioactive wastes

Toxic and Radioactive Waste Management, J. A. Derrington, EI Oct. 88 p463-467.

Rail transportation

Channel Tunnel Project, John H. Sargent, EI Oct. 88 p376-393.

Reconstruction

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Nonoalco Tlatelolco: A Human Experience, S. Gonzalez-Karg, EI Oct. 88 p482-486.

Rehabilitation

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Urban Infrastructure Rehabilitation in Canada, Gary W. Heinke, EI Oct. 88 p487-493.

Renovation

Nonoalco Tlatelolco: A Human Experience, S. Gonzalez-Karg, EI Oct. 88 p482-486.

Research

America's Highway Program, Ellis L. Armstrong, EI Apr. 88 p125-134.

Civil Engineering Needs in the 21st Century, J. M. Roesset and J. T. P. Yao, EI July 88 p248-255.

Engineering Education and Research Policy, Engineering Education and Research Policy Committee of the American Society of Civil Engineers, EI July 88 p243-247.

The Status of Research, Murray A. Muspratt, EI Jan. 88 p85-99.

Research needs

Advancing Structural Plastics into the Future, Fred C. McCormick, EI July 88 p335-343.

Geotechnical Engineering in the 21st Century, G. Wayne Clough, EI July 88 p327-334.

The Role of Civil Engineering Research, Richard L. Tucker, EI July 88 p265-270.

Surveying and Mapping Beyond 2000, Kam W. Wong, EI July 88 p281-286.

Transportation and Civil Engineers, Robert E. Whiteside, EI Oct. 88 p428-430.

Responsibility

Commentary on the Code of Ethics, R. J. Evans, EI Apr. 88 p148-156.

Public Affairs Activity: Seeds of Reality? Dan H. Pletta, EI Apr. 88 p167-172.

Seismic design

Future Civil Engineering in Seismic Zones, Sergio Gonzalez-Karg, EI July 88 p368-370.

Small structures

Design and Construction Performance: Smaller Projects, Charles L. Bartholomew, CF Feb. 87 p48-52.

Social aspects

National Water Policies, E. W. Flaxman, EI Oct. 88 p408-412.

Social needs

Construction Division Input to ASCE Conference

on Civil Engineering in the 21st Century, Boyd C. Paulson, Jr., L. T. Boyer, C. W. Ibbs, E. Koehn, S. W. Nunnally, S. B. Quinn and C. B. Tatum, EI July 88 p317-326.

Social values

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

Space exploration

Civil Engineers in Space, Aerospace Division of the American Society of Civil Engineers, EI July 88 p348-353.

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

Specifications

Highway Specifications: Link to Quality, David S. Gendell and Allen Masuda, EI Jan. 88 p17-26.

State-of-the-art reviews

Advancing Structural Plastics into the Future, Fred C. McCormick, EI July 88 p335-343.

Structural and Construction Engineering in Japan in the Immediate Past, Present, and Future, Hiroyuki Aoyama, EI July 88 p354-356.

Stormwater management

Urban Water Resources Issues in the 21st Century, Larry A. Roesner and Stuart G. Walesh, EI July 88 p302-309.

Structural engineering

Introducing Structures to Nonengineering majors, Alexander G. Karther, EI Jan. 88 p67-73.

Structural and Construction Engineering in Japan in the Immediate Past, Present, and Future, Hiroyuki Aoyama, EI July 88 p354-356.

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

Structural plastics

Advancing Structural Plastics into the Future, Fred C. McCormick, EI July 88 p335-343.

Surface waters

Drinking Water Policy in the United States, J. L. Patton and Leland L. Harms, EI Oct. 88 p394-400.

Surveying

Surveying and Mapping Beyond 2000, Kam W. Wong, EI July 88 p281-286.

Technology

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

Technology and Competitive Advantage in Civil Engineering, C. B. Tatum, EI July 88 p256-264.

Technology assessment

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

Surveying and Mapping Beyond 2000, Kam W. Wong, EI July 88 p281-286.

Urban Transportation in the 21st Century, Paul W. Shuldiner, EI July 88 p310-316.

Technology transfer

The Status of Research, Murray A. Muspratt, EI Jan. 88 p85-99.

Toxic waste disposal

Toxic and Radioactive Waste Management, J. A. Derrington, EI Oct. 88 p463-467.

Toxic wastes

Toxic and Radioactive Waste Management, J. A. Derrington, EI Oct. 88 p463-467.

Transportation

Transportation and Civil Engineers, Robert E. Whiteside, EI Oct. 88 p428-430.

Transportation management

Urban Transportation in the 21st Century, Paul W. Shuldiner, EI July 88 p310-316.

Transportation planning

Planning and Finance Transport—Where Civil Engineers Fit In, Chris Holland, EI Oct. 88 p424-427.

Urban Transportation in the 21st Century, Paul W. Shuldiner, EI July 88 p310-316.

Transportation systems

Channel Tunnel Project, John H. Sargent, EI Oct. 88 p376-393.

Planning and Finance Transport—Where Civil Engineers Fit In, Chris Holland, EI Oct. 88 p424-427.

Tunnel construction

Channel Tunnel Project, John H. Sargent, EI Oct. 88 p376-393.

Tunneling

Channel Tunnel Project, John H. Sargent, EI Oct. 88 p376-393.

Undergraduate study

Work-Term Effectiveness in Co-Operative Civil Engineering Education, Sabah Al-Nassri and Edward McBean, EI Oct. 86 p296-305.

Underwater structures

Structures Beyond Tomorrow, William Zuk, EI July 88 p344-347.

Units of measurement

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Universities

The Status of Research, Murray A. Muspratt, EI Jan. 88 p85-99.

Urban development

Urban Infrastructure Rehabilitation in Canada, Gary W. Heinke, EI Oct. 88 p487-493.

Urban transportation

Urban Transportation in the 21st Century, Paul W. Shuldiner, EI July 88 p310-316.

Venture capital

Entrepreneuring and Venture Capital, Rolf Killingstad and John P. Klus, EI Jan. 88 p74-80.

Waste management

Hazardous Waste in the United States, James W. Poirot, EI Oct. 88 p438-462.

Toxic and Radioactive Waste Management, J. A. Derrington, EI Oct. 88 p463-467.

Water management

Water Policy and Institutions, Jonathan Bulkley, Harold J. Day, Ernest R. Smerdon and William R. Walker, EI Apr. 88 p135-141.

Water plans

Water Policy and Institutions, Jonathan Bulkley, Harold J. Day, Ernest R. Smerdon and William R. Walker, EI Apr. 88 p135-141.

Water policy

Drinking Water Policy in the United States, J. L. Patton and Leland L. Harms, EI Oct. 88 p394-400.

National Water Policies, E. W. Flaxman, EI Oct. 88 p408-412.

Water Policy and Institutions, Jonathan Bulkley, Harold J. Day, Ernest R. Smerdon and William R. Walker, EI Apr. 88 p135-141.

Water quality standards

Drinking Water Policy in the United States, J. L. Patton and Leland L. Harms, EI Oct. 88 p394-400.

Water resources development

Urban Water Resources Issues in the 21st Century, Larry A. Roesner and Stuart G. Walesh, EI July 88 p302-309.

Water-Resources Development in Canada and Overseas, H. G. Harris, EI Oct. 88 p401-407.

Water supply forecasting

Urban Water Resources Issues in the 21st Century, Larry A. Roesner and Stuart G. Walesh, EI July 88 p302-309.

Word processing

Word Processing in Introductory Engineering Courses, Donald A. Andersen, EI Jan. 88 p81-84.

Writing

Word Processing in Introductory Engineering Courses, Donald A. Andersen, EI Jan. 88 p81-84.

AUTHOR INDEX

Aerospace Division of the American Society of Civil Engineers, (W. David Carrier III, chmn.)
Civil Engineers in Space, EI July 88, p348-353

Al-Nassri, Sabah
Work-Term Effectiveness in Co-Operative Civil Engineering Education, EI Oct. 86, p296-305
disc: Louis M. Laushey and Herbert C. Preul, EI Jan. 88, p109
clo: EI Jan. 88, p109-110

Andersen, Donald A.
Word Processing in Introductory Engineering Courses, EI Jan. 88, p81-84

Aoyama, Hiroyuki
Structural and Construction Engineering in Japan in the Immediate Past, Present, and Future, EI July 88, p354-356

Armstrong, Ellis L.
America's Highway Program, EI Apr. 88, p125-134

ASCE Task Committee on the Fundamentals of Engineering Examination Review
Fundamentals of Engineering (FE) Examination Review, 1986, EI Apr. 88, p173-191

Bartholomew, Charles L.
Consulting by Civil Engineering Faculty, EI Apr. 88, p157-161
Design and Construction Performance: Smaller Projects, CF Feb. 87, p48-52
disc: Harvey A. Kagan, EI Apr. 88, p237-238

Bayless, Robert P.
Contractor's Quality Control and Owner's Guidelines, EI Oct. 86, p230-235
disc: Kent Davis, EI Apr. 88, p233-234

Bella, David A.
Establishing Trust: Nuclear Waste Disposal, with Charles D. Mosher and Steven N. Calvo, EI Jan. 88, p40-50
Technocracy and Trust: Nuclear Waste Controversy, with Charles D. Mosher and Steven N. Calvo, EI Jan. 88, p27-39

Boyer, L. T.
see Paulson, Boyd C., Jr., EI July 88, p317-326

Bulkley, Jonathan
Water Policy and Institutions, with Harold J. Day, Ernest R. Smerdon and William R. Walker, EI Apr. 88, p135-141

Calvo, Steven N.
see Bella, David A., EI Jan. 88, p27-39
see Bella, David A., EI Jan. 88, p40-50

Clough, G. Wayne
Geotechnical Engineering in the 21st Century, EI July 88, p327-334

Davis, Kent
disc. (of Contractor's Quality Control and Owner's Guidelines, by Robert P. Bayless, EI Oct. 86, p230-235), EI Apr. 88, p233-234

Day, Harold J.
see Bulkley, Jonathan, EI Apr. 88, p135-141

Derrington, J. A.
Toxic and Radioactive Waste Management, EI Oct. 88, p463-467

Dreyfus, Daniel A.
Persistent National Energy Issue, EI Jan. 88, p1-8

Engineering Education and Research Policy Committee of the American Society of Civil Engineers, (Dwight A. Sangrey, chmn.)
Engineering Education and Research Policy, EI July 88, p243-247

Epstein, Howard I.
ASCE's Professional Interchange Program in Retrospect, EI Apr. 88, p192-198

Evans, G. Russell
Consent to Disaster: 1977 Panama Treaties, EI Apr. 88, p199-217

Evans, R. J.
Commentary on the Code of Ethics, EI Apr. 88, p148-156

Flaxman, E. W.
National Water Policies, EI Oct. 88, p408-412

Fleming, George
Civil Engineering Into the 21st Century, EI July 88, p357-367

Gendell, David S.
Highway Specifications: Link to Quality, with Allen Masuda, EI Jan. 88, p17-26

Gerke, Richard C.
disc. (of Metrication and American Society of Civil Engineers, by A. Ivan Johnson, EI Apr. 86, p93-106), EI July 87, p304-307

Gerwick, Ben C., Jr.
The Civil Engineer's Role in Energy Policy, EI Oct. 88, p442-444

Gobas, Harvey R.
Professionalism and the Civil Engineer, EI Apr. 88, p142-147

Gonzalez-Karg, S.
Nonoalco Tlatelolco: A Human Experience, EI Oct. 88, p482-486

Gonzalez-Karg, Sergio
Future Civil Engineering in Seismic Zones, EI July 88, p368-370

Grant, Albert A.
Role of Civil Engineers in Shaping Public Policy, EI Jan. 88, p9-16

Gunnerson, Charles G.
Environmental Issues for 21st Century Engineers, EI July 88, p287-301

Harms, Leland L.
see Patton, J. L., EI Oct. 88, p394-400

Harris, H. G.
Water-Resources Development in Canada and Overseas, EI Oct. 88, p401-407

Heinke, Gary W.
Urban Infrastructure Rehabilitation in Canada, EI Oct. 88, p487-493

Hohns, H. Murray
disc. (of "Uninvolved" Professionals and Technical Disasters, by Dan H. Pletta, EI Jan. 87, p23-31), EI Apr. 88, p235

Holland, Chris
Planning and Finance Transport—Where Civil Engineers Fit In, EI Oct. 88, p424-427

Holland, Don A.
Future Prospects for the Energy Sector, EI Oct. 88, p445-448

Ibbs, C. W.
see Paulson, Boyd C., Jr., EI July 88, p317-326

Johnson, A. Ivan
Metrication and American Society of Civil Engineers, EI Apr. 86, p93-106
disc: Richard C. Gerke, EI July 87, p304-307
err: EI Jan. 88, p115-116

Kagan, Harvey A.
disc. (of Design and Construction Performance: Smaller Projects, by Charles L. Bartholomew, CF Feb. 87, p48-52), EI Apr. 88, p237-238

Karther, Alexander G.
Introducing Structures to Nonengineering majors, EI Jan. 88, p67-73

Killingstad, Rolf
Entrepreneuring and Venture Capital, with John P. Klus, EI Jan. 88, p74-80

Klus, John P.
see Killingstad, Rolf, EI Jan. 88, p74-80

Koehn, E.
see Paulson, Boyd C., Jr., EI July 88, p317-326

Laushey, Louis M.
disc. (of Work-Term Effectiveness in Co-Operative Civil Engineering Education, by Sabah Al-Nassri and Edward McBean, EI Oct. 86, p296-305) with Herbert C. Preul, EI Jan. 88, p109

Lurie, Paul M.
Computerized Engineers: Changing Standards of Professional Liability, with Barry D. Weiss, EI Jan. 88, p56-66

McBean, Edward
see Al-Nassri, Sabah, EI Oct. 86, p296-305 (disc), EI Jan. 88, p109-110
see Laushey, Louis M., (disc), EI Jan. 88, p109

McCormick, Fred C.
Advancing Structural Plastics into the Future, EI July 88, p335-343

Marcuson, W. F., III.
Plan for Quality Growth in Engineering Education, EI Jan. 88, p100-105

Marini, Robert C.
Balancing Utilization and Development: A Large Firm's Approach, EI Jan. 88, p51-55

Maser, Kenneth R.
Inventory, Condition, and Performance Assessment in Infrastructure Facilities Management, EI July 88, p271-280

Masuda, Allen
see Gendell, David S., EI Jan. 88, p17-26

Mosher, Charles D.
see Bella, David A., EI Jan. 88, p27-39
see Bella, David A., EI Jan. 88, p40-50

Muspratt, Murray A.
The Status of Research, EI Jan. 88, p85-99

Nunnally, S. W.
see Paulson, Boyd C., Jr., EI July 88, p317-326

Patton, J. L.
Drinking Water Policy in the United States, with Leland L. Harms, EI Oct. 88, p394-400

Paulson, Boyd C., Jr.
Construction Division Input to ASCE Conference on Civil Engineering in the 21st Century, with L. T. Boyer, C. W. Ibbs, E. Koehn, S. W. Nunnally, S. B. Quinn and C. B. Tatum, EI July 88, p317-326

Pennoni, C. R.
Civil Engineers' Image: Are Younger Members Our Messiah?, EI Oct. 86, p256-259
disc: Vikas P. Wagh, EI Jan. 88, p113-114

Pletta, Dan H.
Public Affairs Activity: Seeds of Reality?, EI Apr. 88, p167-172
"Uninvolved" Professionals and Technical Disasters, EI Jan. 87, p23-31
disc: H. Murray Hohns, EI Apr. 88, p235
clo: EI Apr. 88, p235-237
disc. (of Engagement of Engineers in Science Policy, by Edward Wenk, Jr., EI Oct. 86, p260-268), EI Jan. 88, p110-112

Poirot, James W.
Hazardous Waste in the United States, EI Oct. 88, p438-462

Quinn, S. B.
see Paulson, Boyd C., Jr., EI July 88, p317-326

Roesner, Larry A.
Urban Water Resources Issues in the 21st Century, with Stuart G. Walesh, EI July 88, p302-309

Roesset, J. M.
Civil Engineering Needs in the 21st Century, with J. T. P. Yao, EI July 88, p248-255

Sargent, John H.
Channel Tunnel Project, EI Oct. 88, p376-393

Shuldiner, Paul W.
Urban Transportation in the 21st Century, EI July 88, p310-316

Smerdon, Ernest R.
see Bulkley, Jonathan, EI Apr. 88, p135-141

.atum, C. B.
Technology and Competitive Advantage in Civil Engineering, EI July 88, p256-264
see Paulson, Boyd C., Jr., EI July 88, p317-326

Tucker, Richard L.
The Role of Civil Engineering Research, EI July 88, p265-270

Tufte, Erling A.
Effective Use of Consulting Engineers, EI Apr. 88, p162-166

Wagh, Vikas P.
disc. (of Civil Engineers' Image: Are Younger Members Our Messiah?, by C. R. Pennoni, EI Oct. 86, p256-259), EI Jan. 88, p113-114

Walesh, Stuart G.
see Roesner, Larry A., EI July 88, p302-309

Walker, William R.
see Bulkley, Jonathan, EI Apr. 88, p135-141

Weiss, Barry D.
see Lurie, Paul M., EI Jan. 88, p56-66

Wenk, Edward, Jr.
Engagement of Engineers in Science Policy, EI Oct. 86, p260-268
disc: Dan H. Pletta, EI Jan. 88, p110-112
clo: EI Jan. 88, p112-113

Whiteside, Robert E.
Transportation and Civil Engineers, EI Oct. 88, p428-430

Wong, Kam W.
Surveying and Mapping Beyond 2000, EI July 88, p281-286

Yankelevsky, David Z.
Engineering Models and Computer Codes, EI Apr. 88, p218-232

Yao, J. T. P.
see Roesset, J. M., EI July 88, p248-255

Zuk, William
Structures Beyond Tomorrow, EI July 88, p344-347